

SMARTER ENERGY SOLUTION

Preventive Maintenance Solar System



Customer Name : Modern Loft M200 Diminini Maintenance : MA Date : 25 March 2025

Solar Panel				Inverter		
Brand	Model	Capacity	Install	Brand	Model	S/N
<u>Sonnax</u>	<u>80Vx260 HMD-480 M</u>	<u>10</u> kWp.	<u>23</u> Panels	<u>Solaris</u>	<u>SE-GR3P10K</u>	<u>1809060235310012</u>

Before Preventive Maintenance Solar System

Solar Panels	Operating Voltage / Current				Time	Inspection		Remark
String 1	<u>12</u> Panels	Vmp <u>494.6</u>	Vdc <u>307.9</u>	Isc <u>7.39</u> A	<u>13:00</u>	☒ Pass	☐ Not Pass	
String 2	<u>11</u> Panels	Vmp <u>496.3</u>	Vdc <u>496.6</u>	Isc <u>6.84</u> A	:	☒ Pass	☐ Not Pass	
String 3	_____ Panels	Vmp _____	Vdc _____	Isc _____ A	:	☐ Pass	☐ Not Pass	
String 4	_____ Panels	Vmp _____	Vdc _____	Isc _____ A	:	☐ Pass	☐ Not Pass	
String 5	_____ Panels	Vmp _____	Vdc _____	Isc _____ A	:	☐ Pass	☐ Not Pass	
String 6	_____ Panels	Vmp _____	Vdc _____	Isc _____ A	:	☐ Pass	☐ Not Pass	
String 7	_____ Panels	Vmp _____	Vdc _____	Isc _____ A	:	☐ Pass	☐ Not Pass	
String 8	_____ Panels	Vmp _____	Vdc _____	Isc _____ A	:	☐ Pass	☐ Not Pass	
String 9	_____ Panels	Vmp _____	Vdc _____	Isc _____ A	:	☐ Pass	☐ Not Pass	
String 10	_____ Panels	Vmp _____	Vdc _____	Isc _____ A	:	☐ Pass	☐ Not Pass	
String 11	_____ Panels	Vmp _____	Vdc _____	Isc _____ A	:	☐ Pass	☐ Not Pass	
String 12	_____ Panels	Vmp _____	Vdc _____	Isc _____ A	:	☐ Pass	☐ Not Pass	

After Preventive Maintenance Solar System

Solar Panels	Operating Voltage / Current				Time	Inspection		Remark
String 1	<u>12</u> Panels	Vmp <u>497.2</u>	Vdc <u>309.7</u>	Isc <u>11.09</u> A	<u>13:30</u>	☒ Pass	☐ Not Pass	
String 2	<u>11</u> Panels	Vmp <u>498.2</u>	Vdc <u>481.4</u>	Isc <u>11.90</u> A	:	☒ Pass	☐ Not Pass	
String 3	_____ Panels	Vmp _____	Vdc _____	Isc _____ A	:	☐ Pass	☐ Not Pass	
String 4	_____ Panels	Vmp _____	Vdc _____	Isc _____ A	:	☐ Pass	☐ Not Pass	
String 5	_____ Panels	Vmp _____	Vdc _____	Isc _____ A	:	☐ Pass	☐ Not Pass	
String 6	_____ Panels	Vmp _____	Vdc _____	Isc _____ A	:	☐ Pass	☐ Not Pass	
String 7	_____ Panels	Vmp _____	Vdc _____	Isc _____ A	:	☐ Pass	☐ Not Pass	
String 8	_____ Panels	Vmp _____	Vdc _____	Isc _____ A	:	☐ Pass	☐ Not Pass	
String 9	_____ Panels	Vmp _____	Vdc _____	Isc _____ A	:	☐ Pass	☐ Not Pass	
String 10	_____ Panels	Vmp _____	Vdc _____	Isc _____ A	:	☐ Pass	☐ Not Pass	
String 11	_____ Panels	Vmp _____	Vdc _____	Isc _____ A	:	☐ Pass	☐ Not Pass	
String 12	_____ Panels	Vmp _____	Vdc _____	Isc _____ A	:	☐ Pass	☐ Not Pass	

Inverter Inspection

Device	Readings from Smarter Meter	Readings from Inverter Display	Field Measured Readings	Remark
Inverter	AC Line Voltage		AC Line Voltage	
	Phase L1 to Grd : <u>235.8</u> Vac	Phase L1 to Grd : <u>232.5</u> Vac	Phase L1 to Grd : <u>235.6</u> Vac	
	Phase L2 to Grd : <u>235.1</u> Vac	Phase L2 to Grd : <u>240.2</u> Vac	Phase L2 to Grd : <u>236.7</u> Vac	
	Phase L3 to Grd : <u>239.9</u> Vac	Phase L3 to Grd : <u>233.6</u> Vac	Phase L3 to Grd : <u>236.6</u> Vac	
	AC Line Current		AC Line Current	
	Phase L1 to Grd : <u>24.20</u> A	Phase L1 to Grd : <u>17.90</u> A	Phase L1 to Grd : <u>12.89</u> A	
	Phase L2 to Grd : <u>20.20</u> A	Phase L2 to Grd : <u>13.40</u> A	Phase L2 to Grd : <u>13.00</u> A	
	Phase L3 to Grd : <u>24.60</u> A	Phase L3 to Grd : <u>17.40</u> A	Phase L3 to Grd : <u>12.76</u> A	

Comment :

Inspection By :

(Bunharn Libnoy)Project Engineer

Date : ____ / ____ / ____